

Annville-Cleona School District



Course: Math for Standards

Credit Hours: 1

Prerequisites: Recommended by math teachers with building principal's approval

Instructor: Mr. Lamb

Contact Information: 717.867.7700 x4213, jlamb@acschools.org

Course Description: The course will focus on reinforcing algebraic math concepts found on the state PSSA exam. This course is required for students who did not reach the proficient level on the state PSSA exam in eighth grade. This course is only open to students by principal's approval. The intent of the course is to assist students with attainment of proficiency of the Pennsylvania State Assessment Anchors.

Course Objectives:

Students will...

- Review concepts within the five areas covered on the PSSA Math Assessment, including Numbers and Operations, Measurement, Geometry, Algebraic Concepts, and Data Analysis and Probability.
- Learn how to answer open-ended questions.
- Complete mathematics projects in accordance to guidelines that will be laid out after completion of the PSSA.

Materials Needed:

Text—Comprise of online resources and materials. This can be found at <http://mrlambmath.wikispaces.com/mfs0809>

Others--Other materials will be provided throughout the course, as well as use of computer and graphing technology. You will use the TI-84 Plus Silver Edition in class, but will not be able to take the classroom calculators home. You may use your personal calculator, as well.

Course Requirements: Students will:

- 1) Complete a series of open-ended questions in preparation for the PSSA exam.
- 2) Complete a series of in-class work, quizzes, and tests in preparation for the PSSA exam.
- 3) Complete year-end projects according to guidelines provided upon completion of the PSSA.

Assessment/Grading Procedures: Marking period grades will be determined on a weighted scale. Class participation will account for 5% of your grade, Unit Tests are 30%, Lesson Sheets are 20%, Miscellaneous Assignments are 15%, and Open Ended Questions are 30%. All assignments are ZAP-pable. Class participation will be recorded weekly. In order to earn all points for class participation, you should have the following items with you **EVERY DAY:** Your notebook and **PENCIL**. You will earn five points per day that they are present. You will lose points if you are being disruptive, not taking notes, are unprepared, or if you are late to class.

Expectations (Attendance/Participation): Attendance and participation are both musts! Mathematics is not a spectator sport! Make sure you keep notes of different concepts that are covered. Definitions and examples on the board will be the bulk of notes, and any handouts should be kept as well in an organized binder. Any missed work *must* be made up the next day of class, either in class or during a study hall. Exceptions may be made for extended absences.

Additional Information: All assignments *must* be completed with a pencil. Any assignment turned in done in pen will suffer a 10% deduction of the original possible score. I will challenge you to learn math as best you can, and I will help you as much as I can. It is up to you as to how well you do. If you are determined to do well, then you will do so.